



<b>Unit Certificate</b>	<b>No: 629910/01</b> <b>Signed Copy No.1</b>		
<b>License holder</b>	<b>Sungrow Power Supply Co., LTD.</b> No. 1699, Xiyou Road, New & High Technology Industrial Development Zone, Hefei City, Anhui Province, P.R. China.		
<b>Manufacturer</b>	<b>Sungrow Power Supply Co., LTD.</b> No. 1699, Xiyou Road, New & High Technology Industrial Development Zone, Hefei City, Anhui Province, P.R. China.		
<b>Type of generating unit</b>	<b>Power Converter for Energy Storage</b>		
	<b>Trademark</b>	<b>Sungrow</b>	
	<b>Models</b>	<b>SG125HV</b>	<b>SG125HV-20</b>
<b>Technical Data</b>	Rated Active Power	125 kW	125 kW
	Max. Apparent Power	125 kVA	125 kVA
	Rated Voltage	600 V	600 V
	Nominal Frequency	50 / 60 Hz	50 / 60 Hz
	Firmware version	LCD_SG125KHV_V03_A_M DSP_V11_A	LCD_SG125KHV-20_v03_A_M DSP_SG125KHV-20_V03_A_M
<b>Validated model</b>	<b>SG125HV_V11_BDEW.dz (Digsilent PowerFactory)</b> MD5 Checksum: 89D2EB72F5B94591F42FD5BE51823A3B		
<b>Network connection rule</b>	<b>BDEW Guideline "Generating plants connected to the medium-voltage network"</b> Guideline for generating plants connection to and parallel operation with the medium-voltage network, June 2008 issue and adaptations dated 01/2009, 07/2010, 02/2011 and 01/2013.		
<b>Other applicable standards / guidelines</b>	FGW-Richtlinie TR 3 Rev.24 FGW-Richtlinie TR 4 Rev. 8 FGW-Richtlinie TR 8 Rev.8		

The above-mentioned generating unit complies with the requirements of the BDEW Guideline "Generating units connected to the medium-voltage network", June 2008 issue and adaptations dated 01/2009, 07/2010, 02/2011 and 01/2013.  
This certification according to ISO/IEC 17065 has been issued on basis of the certification procedure of SGS.  
The PGU can fulfill the demands made by the grid connection regulation without additional device.  
The manufacturer has furnished evidence of the certification of its quality management system according ISO 9001.

**The certificate has been issued taking into account the following information:**

- Technical data of the generating unit, the auxiliary equipment used and of the software version applied
- Schematic representation of the generating unit's structure
- Summed-up information about the generating unit's characteristics

The certificate is valid until / *Dieses Zertifikat ist gültig bis:* 2023-10-30

**Place, Date/ Ort, Datum :** Brussels, 2018-10-30

Ir. C. Lana,  
Certification Manager

